

FIG. 1

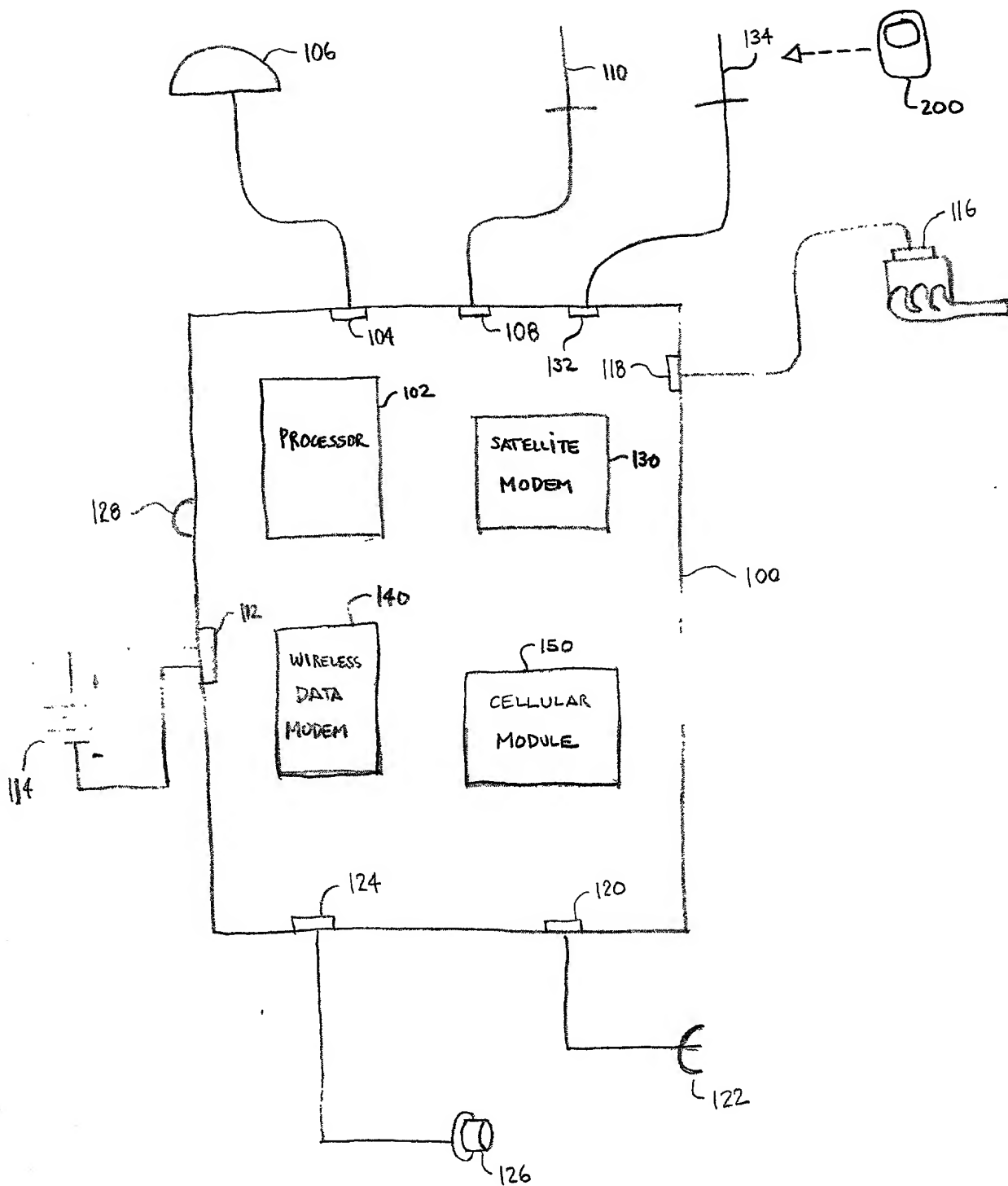


FIG. 1

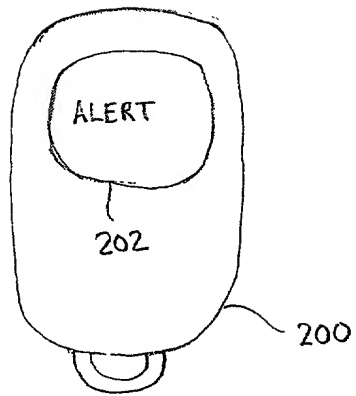


FIG. 2

1006655-1001

100655-124001

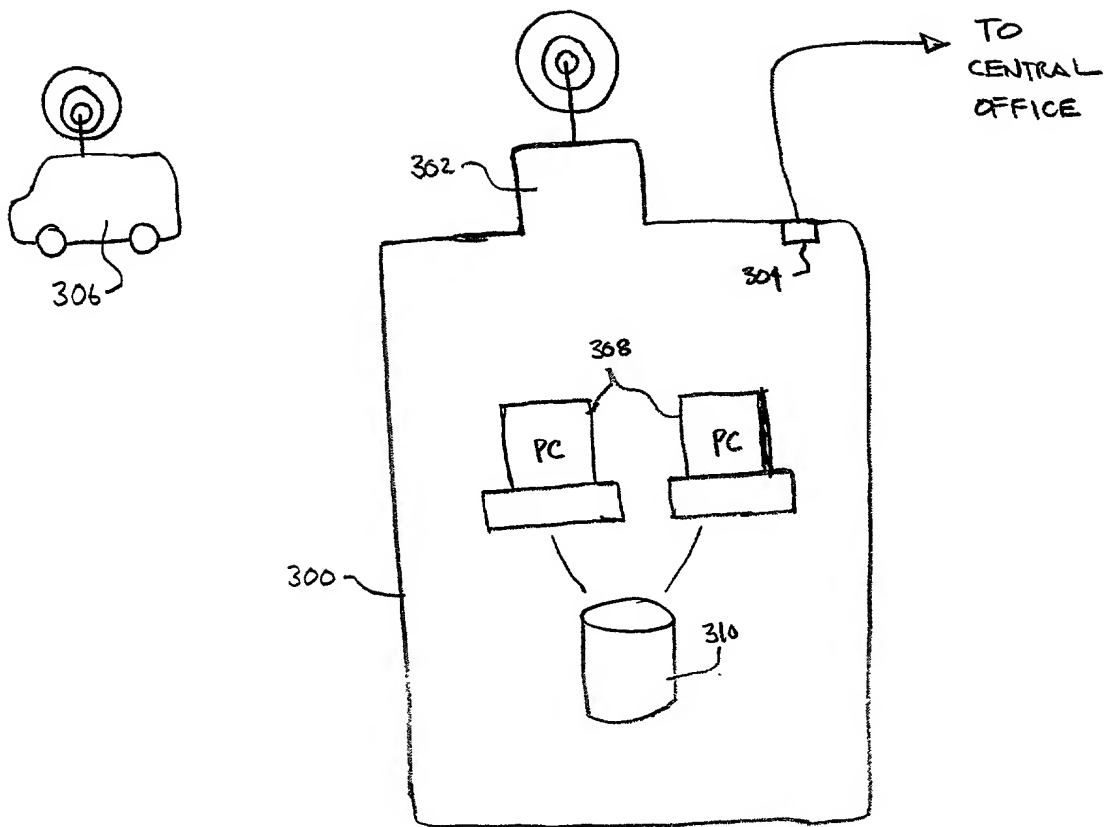


FIG. 3

100655-1004

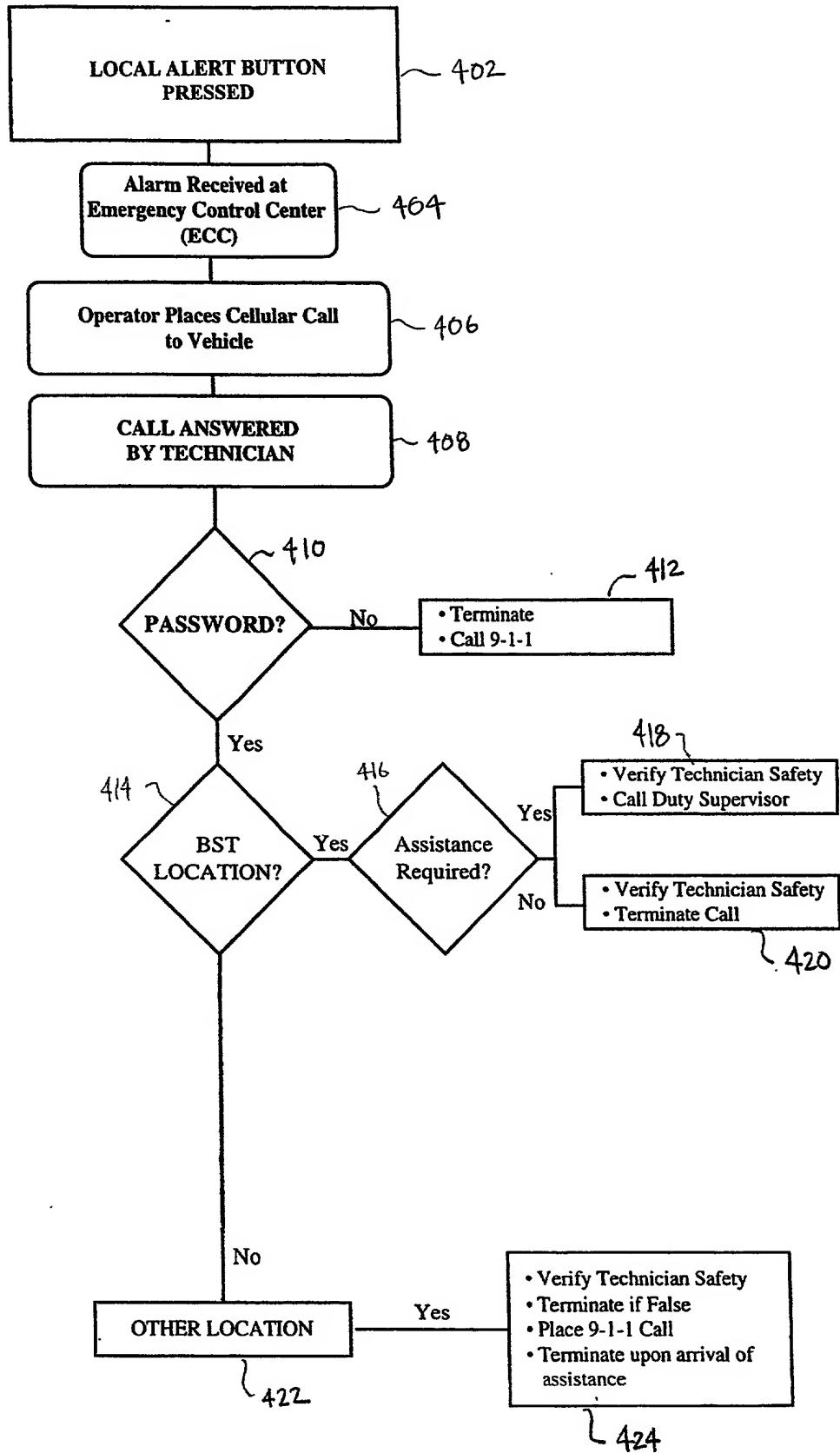


FIG. 4

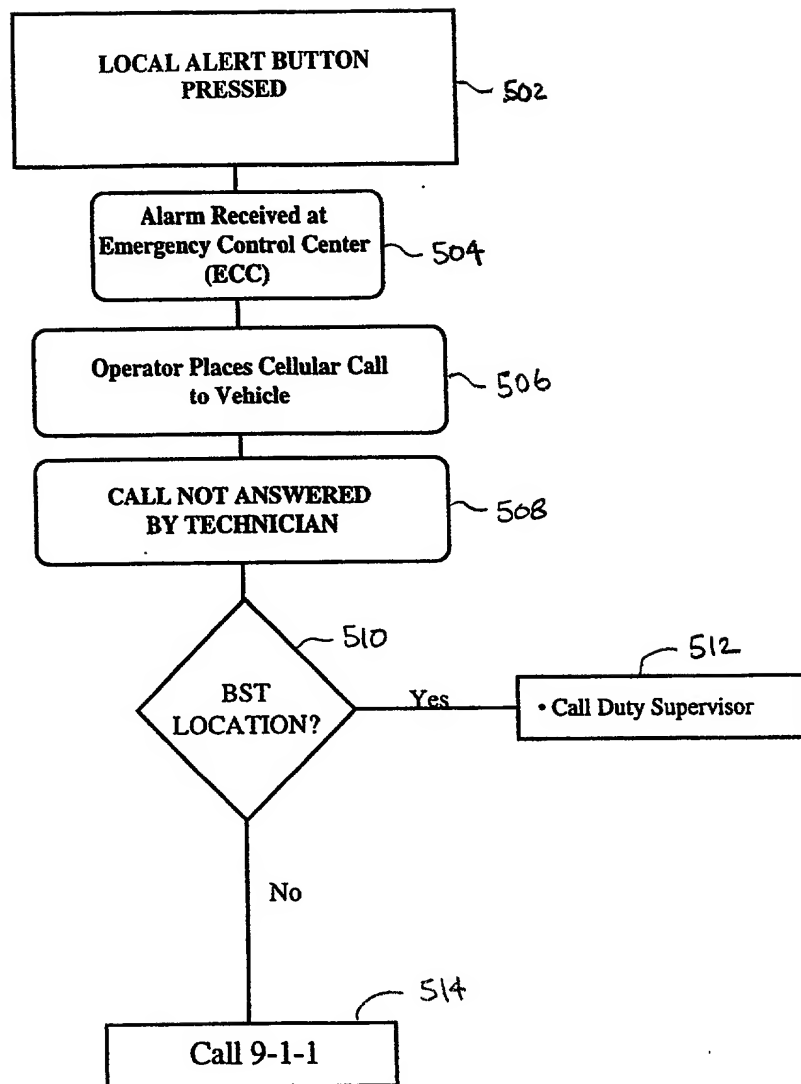


FIG. 5

100655-12101

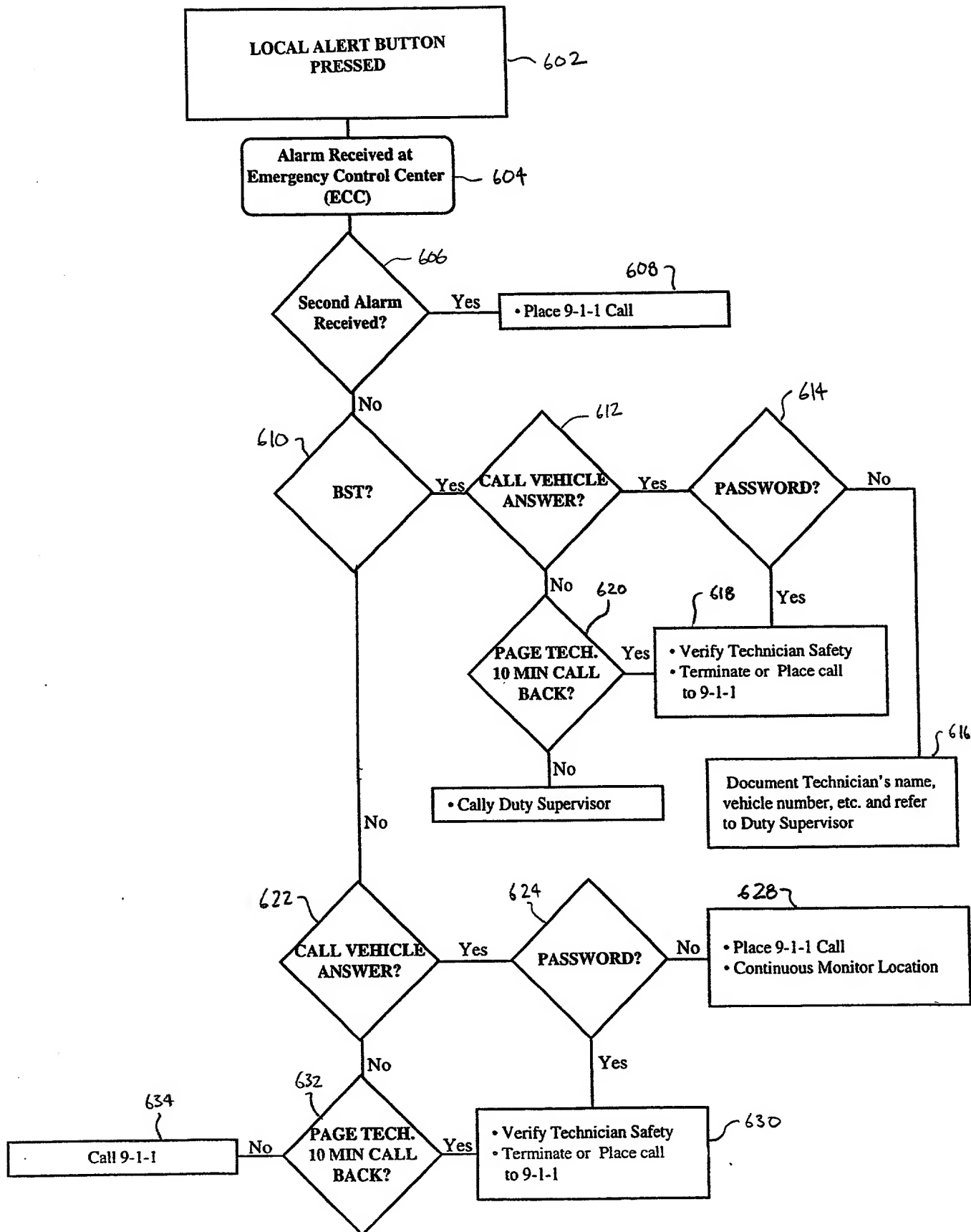


FIG. 6

BellSouth GPS System

Manager Page

Name:
Division:

Manny Gerr
N. Atlanta

6 February, 1998

Auto-Generated Reports:

Division	Report	Date
N. Atlanta	Weekly Statistics	2/5/98
N. Atlanta	Weekly Statistics	1/31/98
N. Atlanta	Weekly Statistics	1/24/98
N. Atlanta	Weekly Statistics	1/17/98
N. Atlanta	Weekly Statistics	1/10/98
N. Atlanta	Weekly Statistics	1/3/98
N. Atlanta	Weekly Statistics	12/27/97
N. Atlanta	Weekly Statistics	12/20/97
N. Atlanta	Monthly Statistics	1/98
N. Atlanta	Monthly Statistics	12/97

Service Center Reports

14th Street	Fairburn	Stockbridge	Tucker
-------------	----------	-------------	--------

Options:

Locate Vehicle	Vehicle ID: V93453
----------------	--------------------

Technician Attributes	Technician ID: Lou Ledfoot
-----------------------	----------------------------

Vehicle Attributes	Vehicle ID: V93453
--------------------	--------------------

Generate Daily Route History	Generate Productivity Parameters
Manage Reporting Parameters	Manage Group Assignments

Fig. 7

Weekly Division Report

1/25/98 through 1/31/98

Division:

North Atlanta

Manager Name:

Manny Gerr

Service Center:

14th Street

Supervisor:

Sue Purvizer

Date	Average Out of Gate	Average Back to Barn	Avg. Work Time	Average Windshield Time	Average Engine Run Time	Average Engine Starts	Average Revisits	Average Mileage
1/25/98								
1/26/98	8:12 A	4:31 P	7:19	1:53	2:02	5.3	1.5	61.9
1/27/98	8:17 A	4:19 P	7:02	2:12	2:23	8.1	2.1	65.7
1/28/98	8:29 A	4:55 P	7:26	1:47	1:59	7.3	1.9	59.2
1/29/98	8:01 A	5:15 P	8:14	1:44	1:57	7.9	1.8	60.3
1/30/98	8:13 A	5:01 P	7:48	1:22	1:40	6.9	2.2	67.2
1/31/98								
Weekly Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

Service Center:

Fairburn

Supervisor:

George P. Burdell

Date	Average Out of Gate	Average Back to Barn	Avg. Work Time	Average Windshield Time	Average Engine Run Time	Average Engine Starts	Average Revisits	Average Mileage
1/26/98	8:12 A	4:31 P	7:19	1:53	2:02	7.7	2.2	58.8
1/27/98	8:17 A	4:19 P	7:02	2:12	2:23	8.0	2.3	59.2
1/28/98	8:29 A	4:55 P	7:26	1:47	1:59	8.2	1.9	57.2
1/29/98	8:01 A	5:15 P	8:14	1:14	1:27	7.6	1.9	56.9
1/30/98	8:13 A	5:01 P	7:48	1:22	1:40	7.9	1.8	55.5
1/31/98								
Weekly Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

Fig. 8

830 ↘

Service Center: Stockbridge Supervisor: Ralph Puchs

Date	Average Out of Gate	Average Back to Barn	Avg. Work Time	Average Windshield Time	Average Engine Run Time	Average Engine Starts	Average Revisits	Average Mileage
1/26/98	8:12 A	4:31 P	7:19	1:53	2:02	9.1	3.0	79.9
1/27/98	8:17 A	4:19 P	7:02	2:12	2:23	10.5	2.8	81.2
1/28/98	8:29 A	4:55 P	7:26	:47	:59	10.4	2.7	83.2
1/29/98	8:01 A	5:15 P	8:14	1:14	1:27	10.1	2.8	84.5
1/30/98	8:13 A	5:01 P	7:48	1:22	1:40	9.8	3.0	78.1
1/31/98								
Weekly Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

↘ 840

Service Center: Tucker Supervisor: Anita Goodtek

Date	Average Out of Gate	Average Back to Barn	Avg. Work Time	Average Windshield Time	Average Engine Run Time	Average Engine Starts	Average Revisits	Average Mileage
1/26/98	8:12 A	4:31 P	7:19	1:53	2:02	5	1	61
1/27/98	8:17 A	4:19 P	7:02	2:12	2:23	8	2	97
1/28/98	8:29 A	4:55 P	7:26	:47	:59	4	0	23
1/29/98	8:01 A	5:15 P	8:14	1:14	1:27	6	1	42
1/30/98	8:13 A	5:01 P	7:48	1:22	1:40	9	3	41
1/31/98								
Weekly Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

Division Avg. 8:13 4:46 7:33 1:32 1:39 5.1 1.8 49.7

Fig. 9

100055-1204

BellSouth GPS System

Supervisor Page

Name:
Service Center:

Sue Purviser
14th Street

6 February, 1998

Auto-Generated Reports:

Group	Technician	Vehicle	Report	Date	Exc
G14S	ST109	V00702	Daily Route History	2/5/98	
G14S	ST143	V01444	Daily Route History	2/5/98	
G14S	ST152	V93453	Daily Route History	2/5/98	Spd
G99T	ST177	V39543	Daily Route History	2/5/98	
G99T	ST183	V47303	Daily Route History	2/5/98	
G99T	ST217	V11406	Daily Route History	2/5/98	
G99T	ST218	V56843	Daily Route History	2/5/98	
G99T	ST219	V00044	Daily Route History	2/5/98	
G99T	ST291	V98573	Daily Route History	2/5/98	
14th St			Weekly Statistics	1/31/98	
14th St			Weekly Statistics	1/24/98	
14th St			Weekly Statistics	1/17/98	
14th St			Weekly Statistics	1/10/98	
14th St			Weekly Statistics	1/3/98	
14th St			Weekly Statistics	12/27/97	
14th St			Weekly Statistics	12/20/97	
14th St			Weekly Statistics	12/13/97	
14th St			Monthly Statistics	12/97	
14th St			Monthly Statistics	1/98	

Options:

Locate Vehicle	Vehicle ID: V93453
Technician Attributes	Technician ID: Lou Ledfoot
Vehicle Attributes	Vehicle ID: V93453
Generate Daily Route History	Generate Productivity Parameters

Fig. 10

11087

Sue Purvizer

11107

Group: G14S **Vehicle:** V00702 **Technician:** ST109

Date	Out of Gate	Back to Barn	Work Time	Windshield Time	Engine Run Time	Engine Starts	Revisits	Mileage
1/25/98								
1/26/98	8:12 A	4:31 P	7:19	1:53	2:02	5	1	61
1/27/98	8:17 A	4:19 P	7:02	2:12	2:23	8	2	97
1/28/98	8:29 A	4:55 P	7:26	:47	:59	4	0	23
1/29/98	8:01 A	5:15 P	8:14	1:14	1:27	6	1	42
1/30/98	8:13 A	5:01 P	7:48	1:22	1:40	9	3	41
1/31/98								
Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

1120 7

Group: G14S **Vehicle:** V01444 **Technician:** ST143

Date	Out of Gate	Back to Barn	Work Time	Windshield Time	Engine Run Time	Engine Starts	Revisits	Mileage
1/25/98								
1/26/98	8:11 A	4:30 P	7:19	1:53	2:02	5	1	61
1/27/98	8:18 A	4:20 P	7:02	2:12	2:23	8	2	97
1/28/98	8:28 A	4:54 P	7:26	:47	:59	4	0	23
1/29/98	8:02 A	5:16 P	8:14	1:14	1:27	6	1	42
1/30/98	8:15 A	5:03 P	7:48	1:22	1:40	9	3	41
1/31/98								
Avg:	8:14	4:48	7:34	1:30	1:42	6.4	1.4	52.8

FIG. 11

[illegible]

1130 7

Group: G14S Vehicle: V93453 Technician: ST152

Date	Out of Gate	Back to Barn	Work Time	Windshield Time	Engine Run Time	Engine Starts	Revisits	Mileage
1/25/98								
1/26/98	8:07 A	4:26 P	7:19	1:53	2:02	5	1	61
1/27/98	8:12 A	4:14 P	7:02	2:12	2:23	8	2	97
1/28/98	8:24 A	4:50 P	7:26	:47	:59	4	0	23
1/29/98	8:06 A	5:20 P	8:14	1:14	1:27	6	1	42
1/30/98	8:08 A	5:06 P	7:58	1:22	1:40	9	3	41
1/31/98								
Avg:	8:11	4:47	7:34	1:30	1:42	6.4	1.4	52.8
Group Avg:	8:22	4:47	7:25	1:57	2:03	7.1	1.5	62.9
Division Avg:	8:23	4:49	7:26	1:48	1:59	7.2	1.6	57.0

1140

FIG. 12

10005655 4004

Daily Route History

1304
Technician ID:
1306 ~ Vehicle ID:
1308 ~ Date:

ST 152
V93453
2/5/98

1310
Name:
1312 ~ Group:
1314 ~ Service Center:

Lou Ledfoot
G14S
14th Street

#	Time	Street Address	County/State	Minutes	Speed	Point Type
1	08:17	345 14 th Street	Fulton GA		0.0	Engine Start
2	08:22				5.1	Out of Gate
3	08:27				35.7	
4	08:31				42.1	
5	08:34				44.9	
6	08:37	77 10 th Street	Fulton GA		0.0	Engine Stop
7	08:37	77 10 th Street	Fulton GA	87	0.0	Extended Stop
8	10:04	77 10 th Street	Fulton GA		0.0	Engine Start
9	10:06				17.1	
10	10:11				32.7	
11	10:16				47.9	
12	10:21				39.9	
13	10:25	345 14 th Street	Fulton GA	12	0.0	Revisit
14	10:25	345 14 th Street	Fulton GA		0.0	Engine Stop
15	10:37	345 14 th Street	Fulton GA		0.0	Engine Start
16	10:42				32.1	
17	10:47				44.7	
18	10:52				49.4	
19	10:57				55.7	
20	10:58				75.2	Excessive Speed
21	11:02				31.1	
22	11:03	357 Peachtree Pl	Fulton GA		0.0	Engine Stop
23	11:03	357 Peachtree Pl	Fulton GA	281	0.0	Extended Stop
24	3:20	357 Peachtree Pl	Fulton GA		0.0	Low Battery
25	3:44	357 Peachtree Pl	Fulton GA		0.0	Engine Start
26	3:49				5.2	
27	4:04				37.7	
28	4:09				44.3	
29	4:14				41.9	
30	4:16	345 14 th Street	Fulton GA		0.0	Back to Barn
31	4:17	345 14 th Street	Fulton GA		0.0	Engine Stop

Time Out of Gate: 08:22 AM

Engine Run Time: 1:40

Time Back to Barn: 4:17 PM

Mileage: 27.3

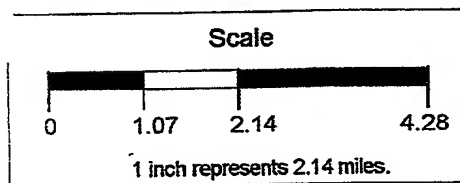
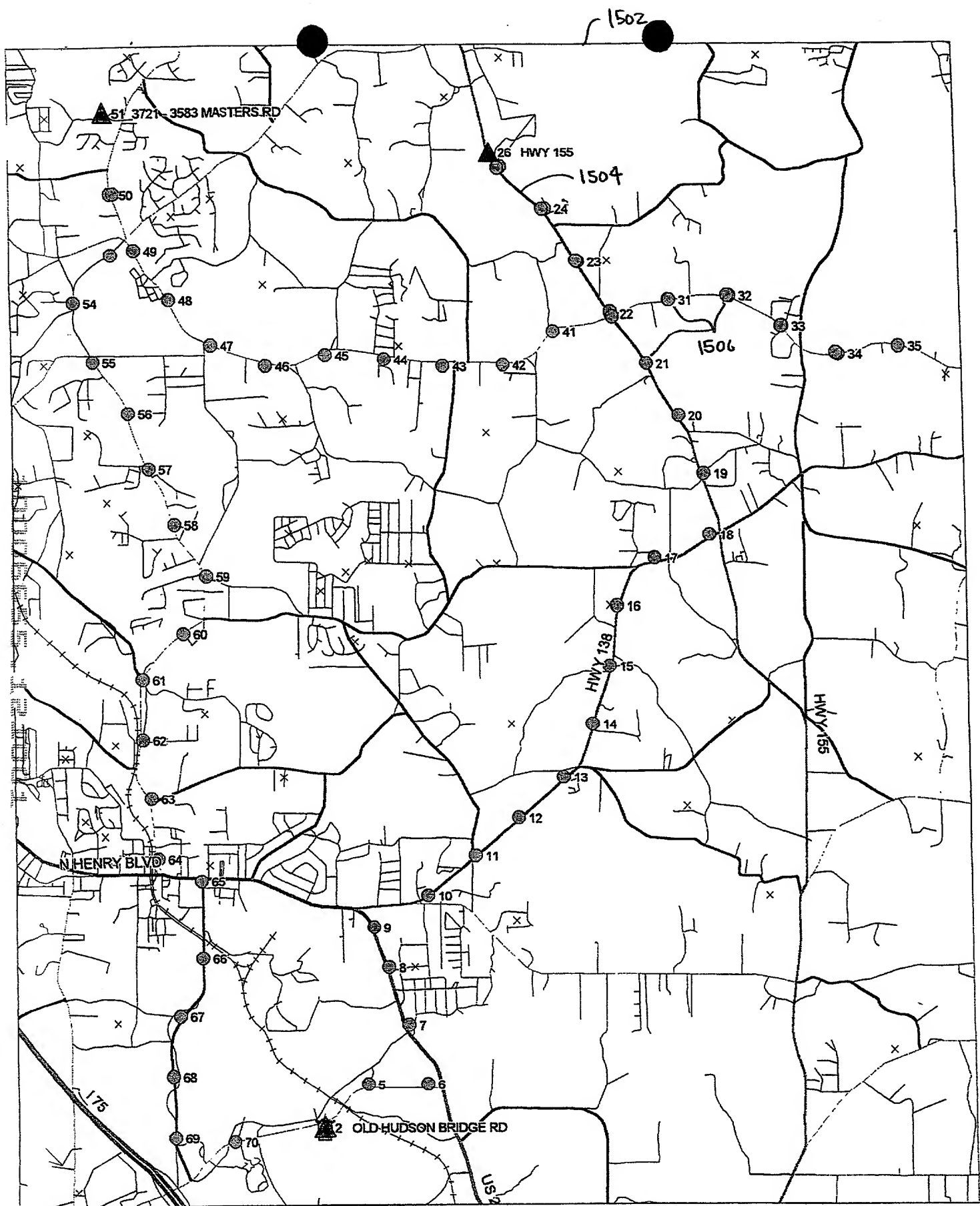
Windshield Time: 1:34

of Starts: 4

Id	VehicleName	Date	Time	Typ	Minutes	Speed	Address	County	State	Zip
1	SB923_02972	09/13/1997	00:01:29	HI	0	0				
2	SB923_02972	09/13/1997	00:51:30	ST	85	0	OLD HUDSON BRIDGE RD	Henry	GA	3028
3	SB923_02972	09/13/1997	01:36:30	HI	0	0				
4	SB923_02972	09/13/1997	05:16:40	ST	442	0	OLD HUDSON BRIDGE RD	Henry	GA	3028
5	SB923_02972	09/13/1997	08:58:44	HI	0	42				
6	SB923_02972	09/13/1997	08:59:22	HI	0	45				
7	SB923_02972	09/13/1997	09:00:34	HI	0	54				
8	SB923_02972	09/13/1997	09:01:13	HI	0	37				
9	SB923_02972	09/13/1997	09:01:45	HI	0	44				
10	SB923_02972	09/13/1997	09:02:50	HI	0	45				
11	SB923_02972	09/13/1997	09:03:31	HI	0	45				
12	SB923_02972	09/13/1997	09:04:08	HI	0	52				
13	SB923_02972	09/13/1997	09:04:42	HI	0	49				
14	SB923_02972	09/13/1997	09:05:20	HI	0	50				
15	SB923_02972	09/13/1997	09:05:56	HI	0	52				
16	SB923_02972	09/13/1997	09:06:30	HI	0	55				
17	SB923_02972	09/13/1997	09:07:09	HI	0	52				
18	SB923_02972	09/13/1997	09:07:43	HI	0	52				
19	SB923_02972	09/13/1997	09:08:42	HI	0	48				
20	SB923_02972	09/13/1997	09:09:21	HI	0	51				
21	SB923_02972	09/13/1997	09:10:00	HI	0	51				
22	SB923_02972	09/13/1997	09:10:55	HI	0	16				
23	SB923_02972	09/13/1997	09:20:04	HI	0	48				
24	SB923_02972	09/13/1997	09:20:43	HI	0	44				
25	SB923_02972	09/13/1997	09:21:25	HI	0	46				
26	SB923_02972	09/13/1997	10:01:48	ST	92	0	HWY 155	Henry	GA	3004
27	SB923_02972	09/13/1997	10:54:28	HI	0	50				
28	SB923_02972	09/13/1997	10:55:05	HI	0	50				
29	SB923_02972	09/13/1997	10:55:40	HI	0	55				
30	SB923_02972	09/13/1997	10:56:20	HI	0	17				
31	SB923_02972	09/13/1997	11:09:20	HI	0	47				
32	SB923_02972	09/13/1997	11:10:00	HI	0	45				
33	SB923_02972	09/13/1997	11:10:42	HI	0	43				
34	SB923_02972	09/13/1997	11:11:40	HI	0	41				
35	SB923_02972	09/13/1997	11:12:21	HI	0	42				
36	SB923_02972	09/13/1997	11:16:34	HI	0	44				
37	SB923_02972	09/13/1997	11:17:27	HI	0	44				
38	SB923_02972	09/13/1997	11:18:07	HI	0	46				
39	SB923_02972	09/13/1997	11:18:44	HI	0	50				
40	SB923_02972	09/13/1997	11:19:36	HI	0	13				
41	SB923_02972	09/13/1997	11:20:22	HI	0	47				
42	SB923_02972	09/13/1997	11:21:01	HI	0	54				
43	SB923_02972	09/13/1997	11:21:36	HI	0	54				
44	SB923_02972	09/13/1997	11:22:11	HI	0	48				
45	SB923_02972	09/13/1997	11:22:48	HI	0	49				
46	SB923_02972	09/13/1997	11:23:32	HI	0	44				
47	SB923_02972	09/13/1997	11:24:15	HI	0	43				
48	SB923_02972	09/13/1997	11:24:59	HI	0	38				
49	SB923_02972	09/13/1997	11:25:46	HI	0	36				
50	SB923_02972	09/13/1997	11:34:20	HI	0	26				
51	SB923_02972	09/13/1997	13:21:51	ST	212	0	3721 - 3583 MASTERS RD	DeKalb	GA	3004
52	SB923_02972	09/13/1997	15:07:57	HI	0	40				
53	SB923_02972	09/13/1997	15:09:15	HI	0	35				
54	SB923_02972	09/13/1997	15:10:41	HI	0	40				
55	SB923_02972	09/13/1997	15:11:40	HI	0	31				
56	SB923_02972	09/13/1997	15:12:24	HI	0	43				
57	SB923_02972	09/13/1997	15:13:04	HI	0	43				
58	SB923_02972	09/13/1997	15:13:52	HI	0	40				
59	SB923_02972	09/13/1997	15:14:35	HI	0	44				
60	SB923_02972	09/13/1997	15:15:23	HI	0	44				
61	SB923_02972	09/13/1997	15:16:03	HI	0	51				
62	SB923_02972	09/13/1997	15:16:42	HI	0	43				
63	SB923_02972	09/13/1997	15:17:28	HI	0	37				
64	SB923_02972	09/13/1997	15:18:19	HI	0	36				
65	SB923_02972	09/13/1997	15:20:45	HI	0	2				
66	SB923_02972	09/13/1997	15:29:59	HI	0	48				
67	SB923_02972	09/13/1997	15:30:38	HI	0	49				
68	SB923_02972	09/13/1997	15:31:14	HI	0	54				
69	SB923_02972	09/13/1997	15:31:51	HI	0	51				
70	SB923_02972	09/13/1997	15:34:04	HI	0	47				
71	SB923_02972	09/13/1997	19:46:53	ST	502	0	OLD HUDSON BRIDGE RD	Henry	GA	3028

FIG. 14

10065566 4.00 4.00



BellSouth History Points
SB923_02972 on 09-13-1997
Dot Spacing: High

Status of Vehicle

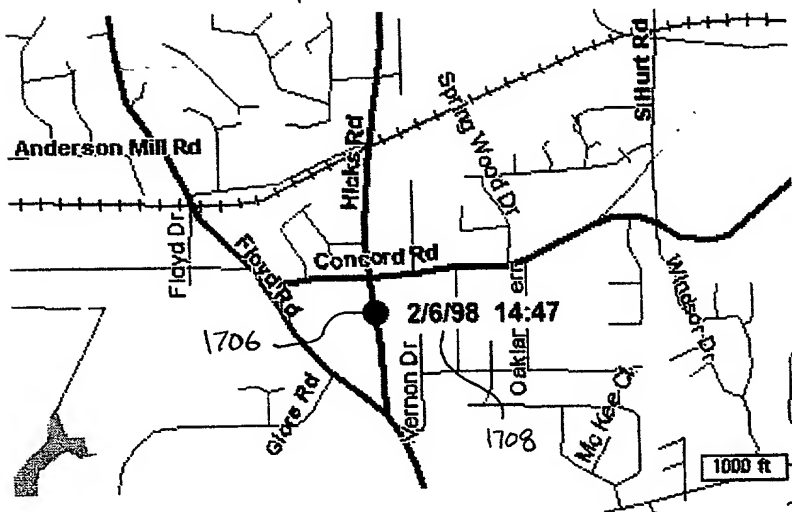
- Vehicle Moving
- Vehicle Stationary
- Alarm in Vehicle

Speed > 69 mph Report

<u>VehicleName</u>	<u>Date</u>	<u>Time</u>	<u>Speed</u>	<u>Driver</u>
<u>FB786_00147</u>				
FB786_00147	7/18/97	08:37:48	71	M.R. Holmes (Mike)
FB786_00147	7/18/97	08:39:36	73	M.R. Holmes (Mike)
<u>FB786_00147</u>			<u>73</u>	
<u>FT175_04003</u>				
FT175_04003	7/16/97	12:49:28	71	Sam Williams
<u>FT175_04003</u>			<u>71</u>	
<u>FT181_03231</u>				
FT181_03231	7/15/97	10:32:00	71	Gail Mixson
FT181_03231	7/15/97	10:32:03	71	Gail Mixson
<u>FT181_03231</u>			<u>71</u>	
<u>SB884_03151</u>				
SB884_03151	7/15/97	17:24:14	75	Doug Early
SB884_03151	7/22/97	16:13:20	71	Doug Early
SB884_03151	7/22/97	16:13:46	72	Doug Early
<u>SB884_03151</u>			<u>75</u>	
<u>SB924_05610</u>				
SB924_05610	7/19/97	09:18:43	77	Ellis Drew
<u>SB924_05610</u>			<u>77</u>	
<u>SB926_01971</u>				
SB926_01971	7/18/97	12:43:54	75	Allen Cole
SB926_01971	7/18/97	12:46:33	71	Allen Cole
<u>SB926_01971</u>			<u>75</u>	
<u>SB931_04372</u>				
SB931_04372	7/18/97	17:06:27	71	Carrol Brooker
<u>SB931_04372</u>			<u>71</u>	
<u>SB932_00349</u>				
SB932_00349	7/15/97	19:21:36	73	Ronald Green
SB932_00349	7/15/97	19:23:23	71	Ronald Green
<u>SB932_00349</u>			<u>73</u>	
<u>TR574_00853</u>				
TR574_00853	7/15/97	17:54:25	71	Jimmy T. Mann

FIG. 16

Current Location Report



Vehicle: V93453
 Tech Name: Lou Ledfoot
 Tech ID: ST152
 Cellular: 404-555-4321
 Pager: 404-555-1234
 Service Center: 14th Street
 Supervisor: Sue Purvisor
 Supervisor Pager: 404-555-6789

FIG. 17

1000 ft

BellSouth GPS System

Technician Attributes

1800

1802

1804

18067

1808	Name:	Lou Ledfoot	Vehicle:	V93453	1818
1810	SSN:	123-45-6789	Cellular:	404-555-4321	1820
1812	Tech ID:	ST152	Service Center:	14 th Street	1822
1814	Pager:	404-555-1234	Supervisor:	Sue Purvizer	1824
1816	Notes:	diabetic	Supervisor Pager:	404-555-6789	1826
			Group:	G14S	1828

Submit Updates

1830

FIG. 18

100555-121001

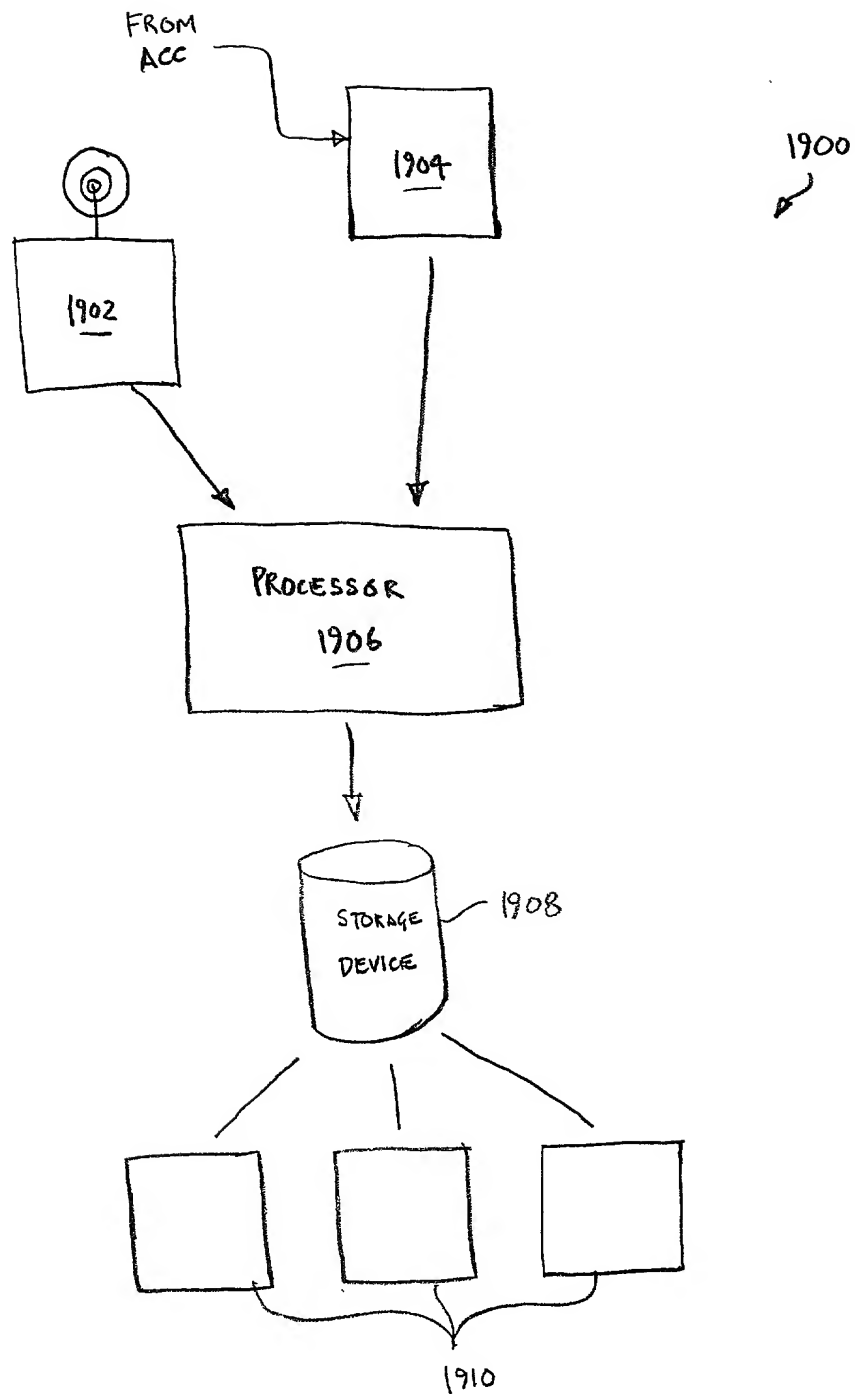


FIG. 19